Bicor™ 19MB440

SI English

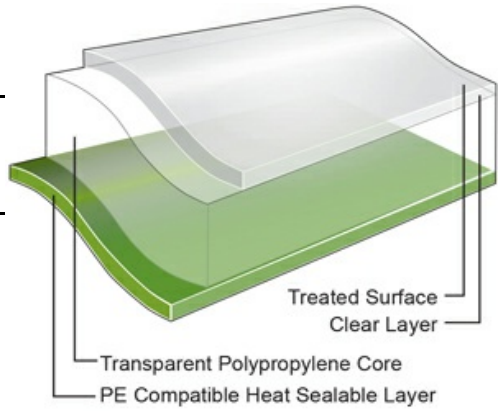
Oriented Polypropylene Film

Product Description

Bicor 19MB440 is a biaxially oriented transparent polypropylene film designed to be the outside web of a laminate.

Key Features

- Very good sealability of the untreated surface with a wide range of polyethylene for lap seal applications
- Excellent jaw release
- Outstanding optical properties, stable in time



General

Availability

- Latin America
- North America
- South America
- Africa & Middle East
- Asia Pacific
- Europe

Features

- In Lamination Lap Sealable
- Lap Sealable to PE

Applications

- Biscuits/Cookie/Crackers
- Bakery
- Fresh Produce
- Frozen Food
- Health and Beauty Care
- Household and Detergents
- Pet Food
- Ice Cream

Uses

- Pre-made Bags - Flexible Packaging
- VFFS Flexible Packaging

Appearance

- Clear/Transparent

Processing Method

- Outer Web Adhesive Lamination
- Solvent Flexographic Printing
- Solvent Rotogravure Printing
- Outer Web Extrusion Lamination

Revision date

- October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	57.8	m²/kg	Internal Method
Unit Weight	17.3	g/m²	Internal Method
Film Thickness	19	µ	Internal Method
Haze	2.0	%	Internal Method
Gloss(45°)	85		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	125	Mpa	Internal Method
TD	285	Mpa	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	175	%	Internal Method
TD	45	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-4.0	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	4000	Mpa	Internal Method
Seal Strength (Otto Brugger)			
Untreated/LLDPE			
140°C, 0.3 Mpa, 2 sec	500	g/2.5 cm	Internal Method
Untreated/VLLDPE			
140°C, 0.3 Mpa, 2 sec	800	g/2.5 cm	Internal Method
Heat Seal Range			
Untreated/LLDPE	15	°C	Internal Method
Untreated/VLLDPE	25	°C	Internal Method
Coefficient of Friction			
Untreated Surface	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	7.0	g/m²/24 hr	Internal Method
23°C, 85% RH	1.4	g/m²/24 hr	Internal Method

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

- Standard reel winding: Treated side outside

Footnotes

1. Product may not be available in one or more countries in the identfied Availability regions. Please contact your Sales Representative for complete country availability.
2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.

Typical properties: these are not to be construed as specifications.

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